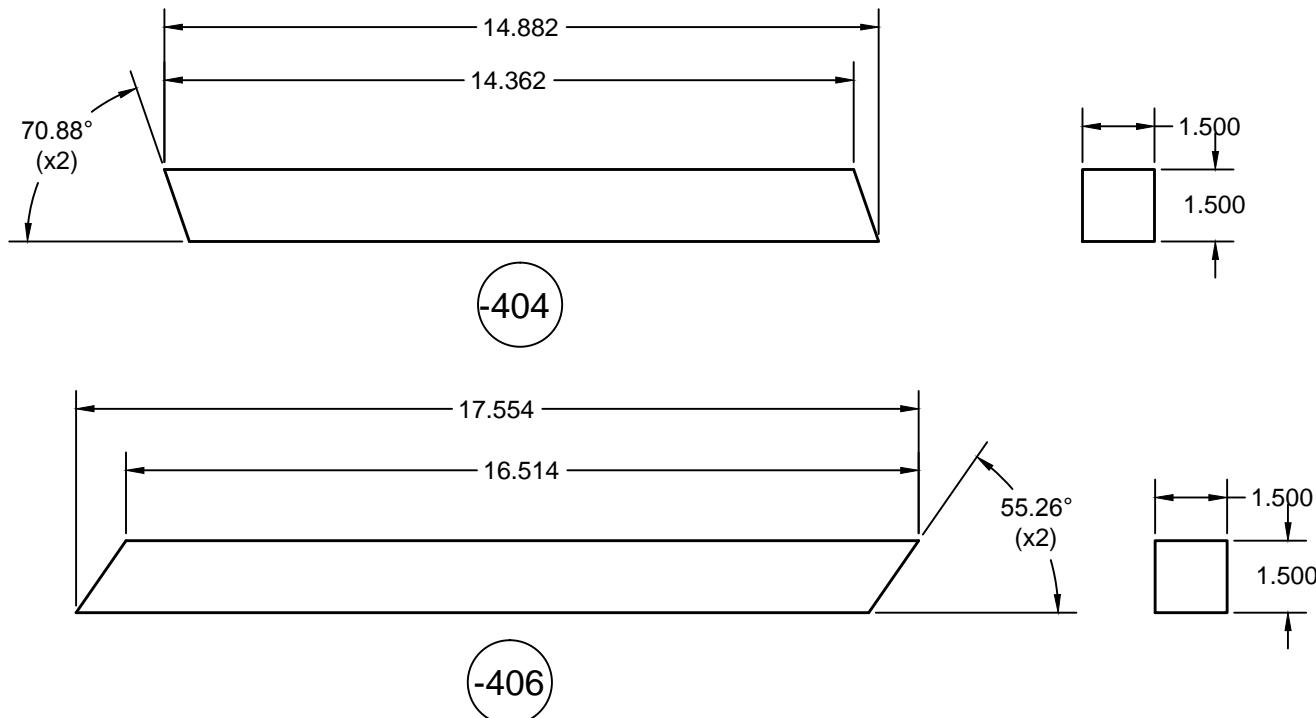
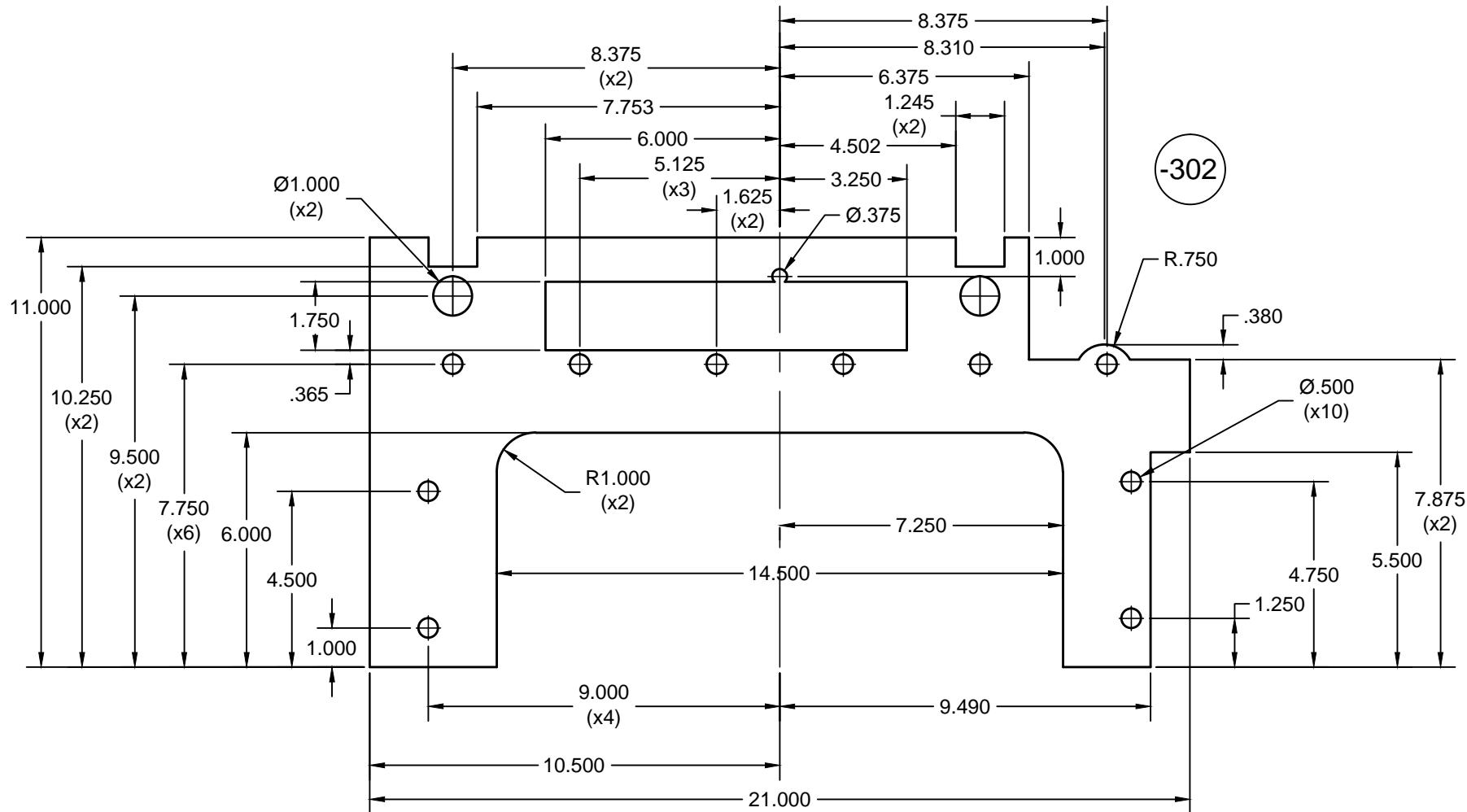


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DRAWN BY: PERRITT	RB RED BARN MACHINE		
APPROVED			
HEAT TREAT	TITLE		
FINISH SPEC --	-401 ASSEM.		
USED ON MODEL	DWG NO.		
414-100	145G0124		
CH-47D	SCALE	NTS	REV
PART # QTY	DESCRIPTION	DATE	3-09-06
-404 2	6061 1-1/2 x 1-1/2 x 15 SQ. BAR	SHEET	1 of 1
-406 2	6061 1-1/2 x 1-1/2 x 17-3/4 SQ. BAR	UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES	
		TOLERANCES ON:	
		DECIMALS	
		XXX ± .005	
		XX ± .01	
		X ± .1	
		FRACTIONS ± 1/32	
		ANGLES ± 5°	
		1. BREAK ALL SHARP EDGES	
		.015 x 45° PR 015 R	
		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

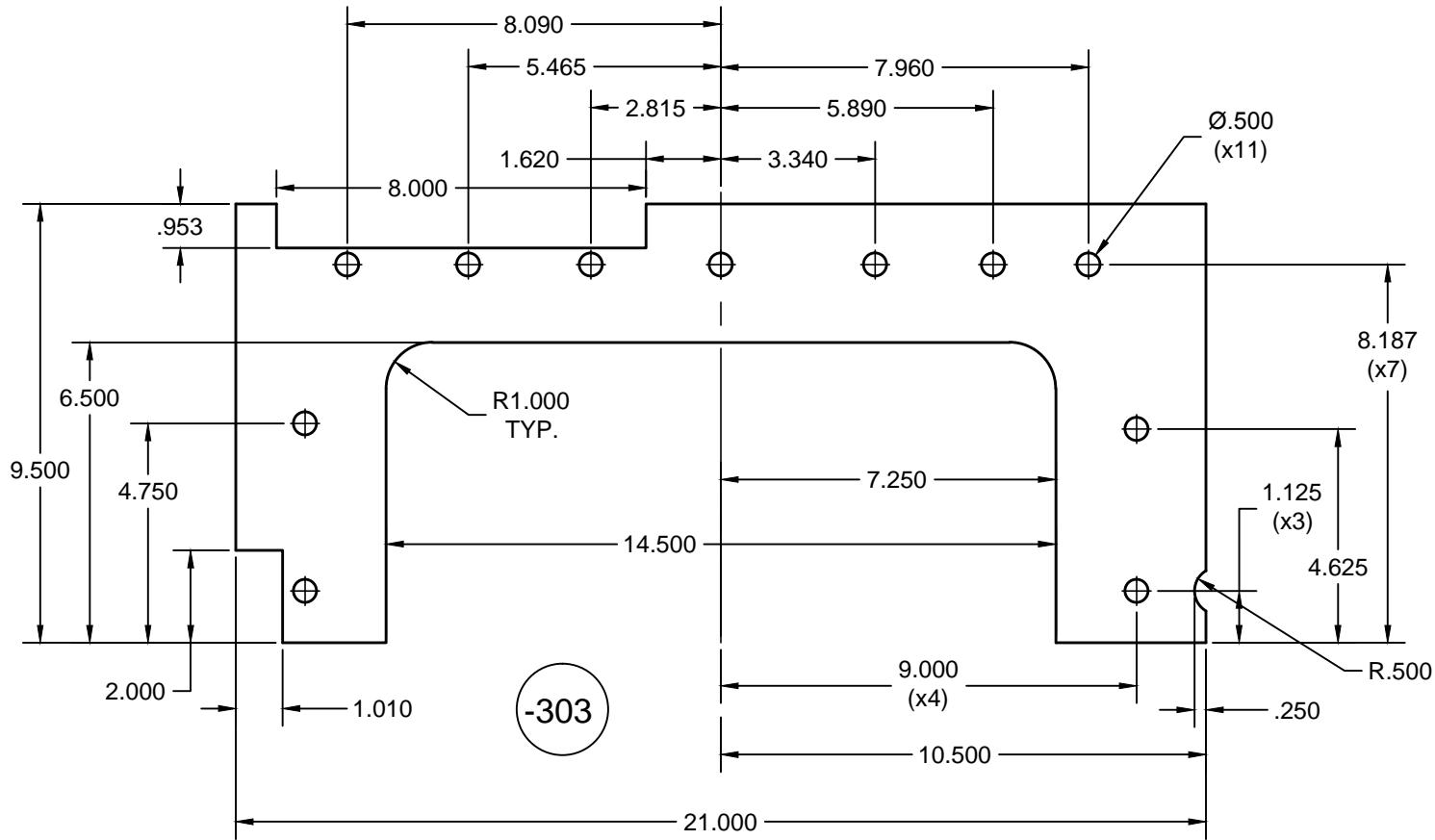
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-302	1	PHENOLIC .06 x 11.25 x 21.5

DRAWN BY:	PERRITT	 RED BARN MACHINE TITLE			
APPROVED					
HEAT TREAT					
FINISH SPEC	--				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS $XXX \pm .005$ FRACTIONS $\pm 1/32$ $XX \pm .01$ ANGLES $\pm 5^\circ$ $.X \pm .1$					
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DWG NO.			
SCALE	NTS	DATE	3-20-06	SHEET	1 of 2
-201 ASSEM.					REV

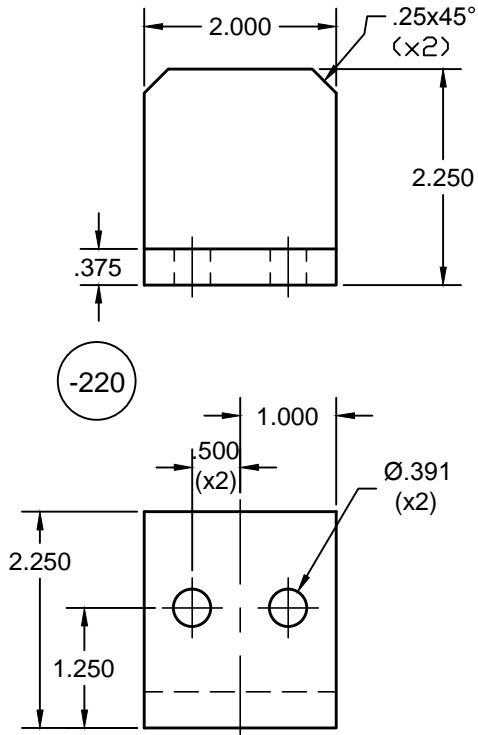
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-303	1	PHENOLIC .06 x 10 x 21.5

DRAWN BY:	PERRITT	 RED BARN MACHINE TITLE -201 ASSEM.
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32		
.XX ± .01 ANGLES ± 5° .X ± .1		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
DWG NO.		REV
145G0124		
SCALE	NTS	DATE 3-20-06 SHEET 2 of 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-220	2	A-36 ANGLE 3 x 3 x 3/8 x 2 LONG
	2	Ø3/8-16 x 3/4 HEX HD. CAP SCRES

USED ON MODEL

414-100

CH-47D

DRAWN BY: PERRITT

APPROVED

HEAT

TREAT

FINISH

SPEC

--

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

XXX ± .005

FRACTIONS ± 1/32

XX ± .01

ANGLES ± 5°

X ± .1

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR 015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

-201 ASSEM.

145G0124

REV

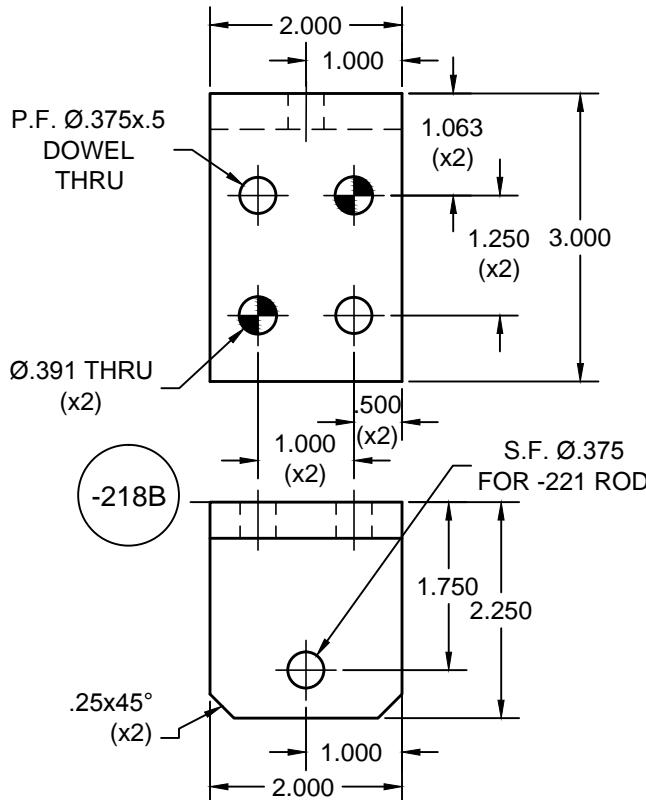
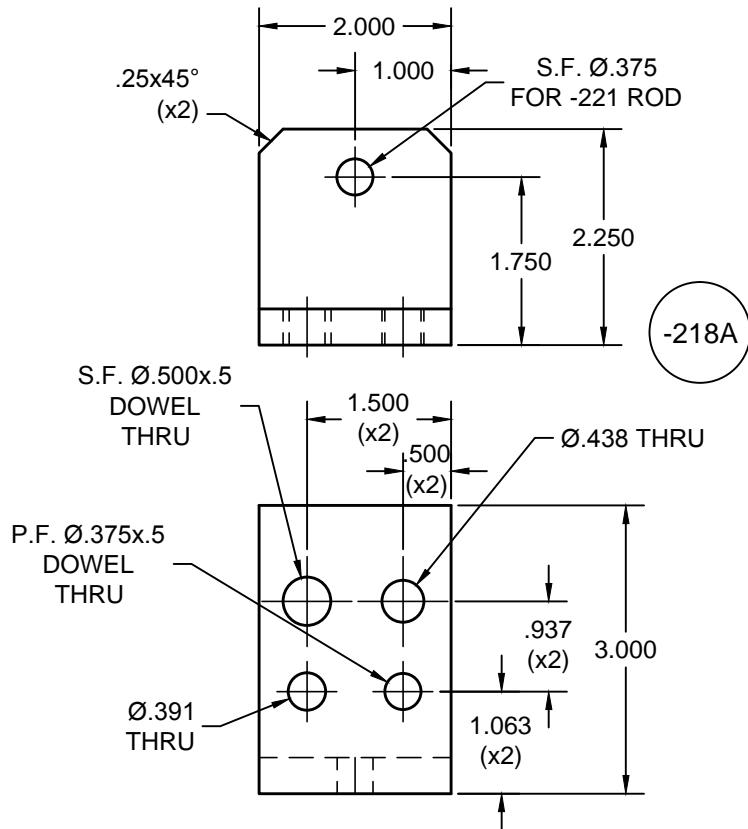
SCALE

NTS

DATE 3-20-06

SHEET 1 of 3

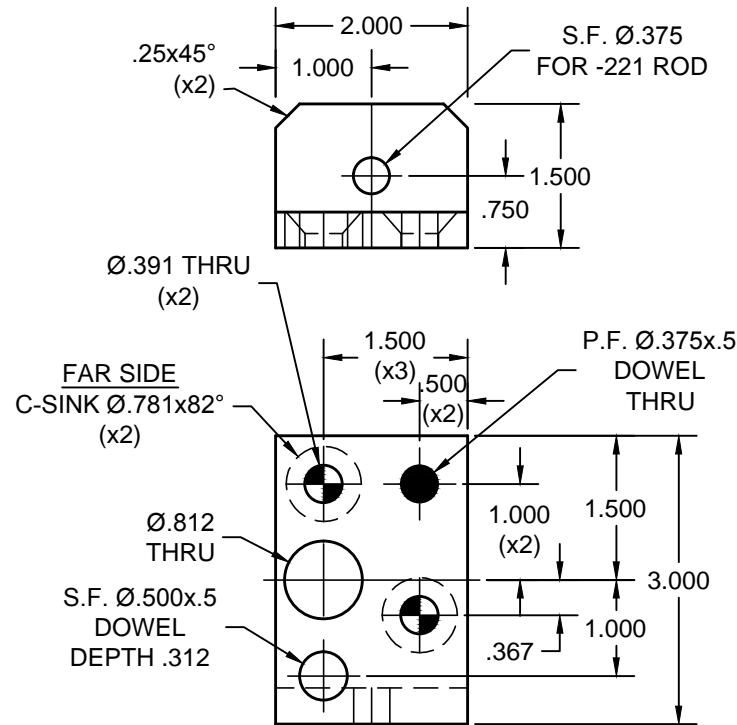
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-218A	1	A-36 ANGLE 3x3x3/8x2 LONG
-218B	1	A-36 ANGLE 3x3x3/8x2 LONG

DRAWN BY: PERRITT	APPROVED	TITLE	
HEAT TREAT		-201 ASSEM.	
FINISH SPEC	--	DWG NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1		REV	
FRACTIONS ± 1/32 ANGLES ± 5°		145G0124	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R		SCALE	NTS
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DATE	3-20-06
		SHEET	1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



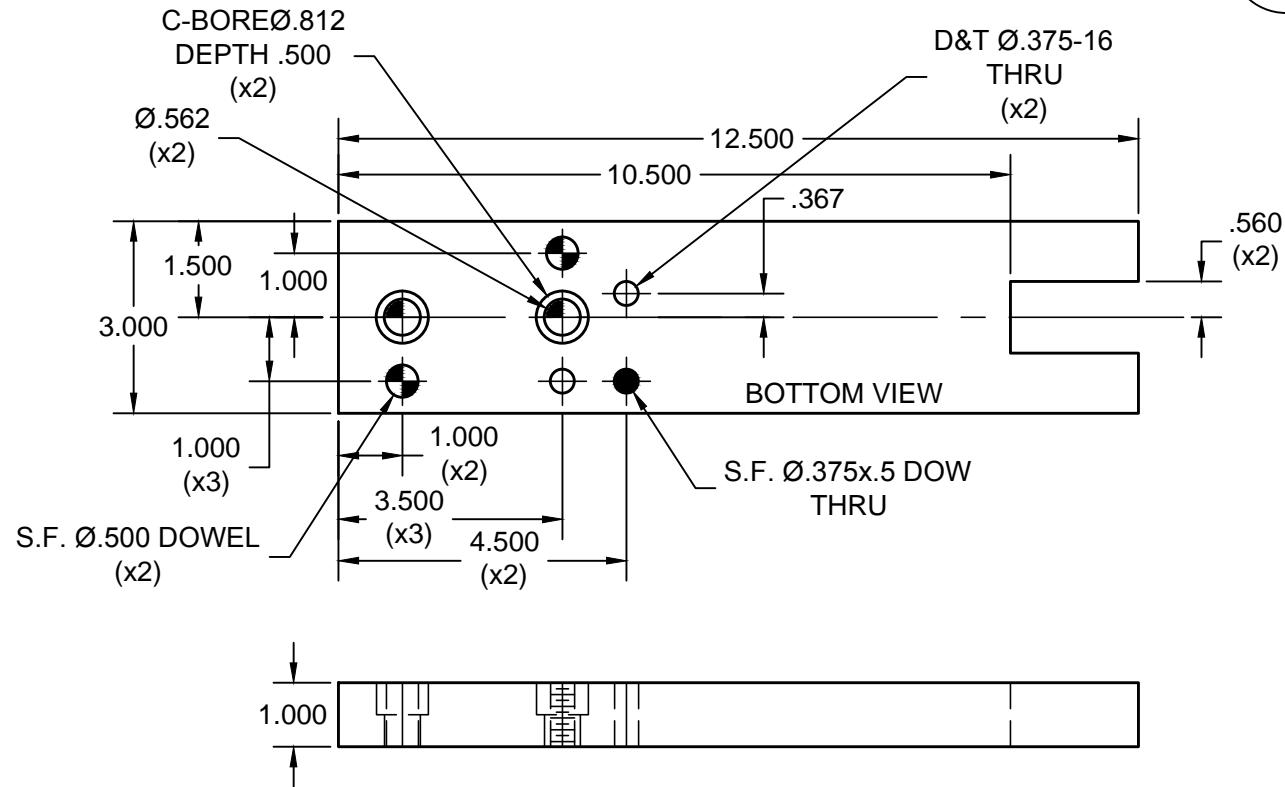
PART #	QTY	DESCRIPTION
-219	1	A-36 ANGLE 3 x 3 x 3/8 x 2 LONG
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ± 5°
 X ± .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-20-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

-232



PART #	QTY	DESCRIPTION
-232	1	4140 1 x 3 x 12.5
	1	Ø3/8 x .5 STL. DOWEL
	2	Ø3/8-16 x 1 FL. HD. CAP SCREW
	2	Ø1/2-13 x 1-1/4 HEX HD. CAP SCREW
	2	Ø1/2 x 1 STL. DOWEL

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
XXX \pm .005	
XX \pm .01	FRACTIONS \pm 1/32
X \pm .1	ANGLES \pm 5°
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
Ø15 x 45° PR 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

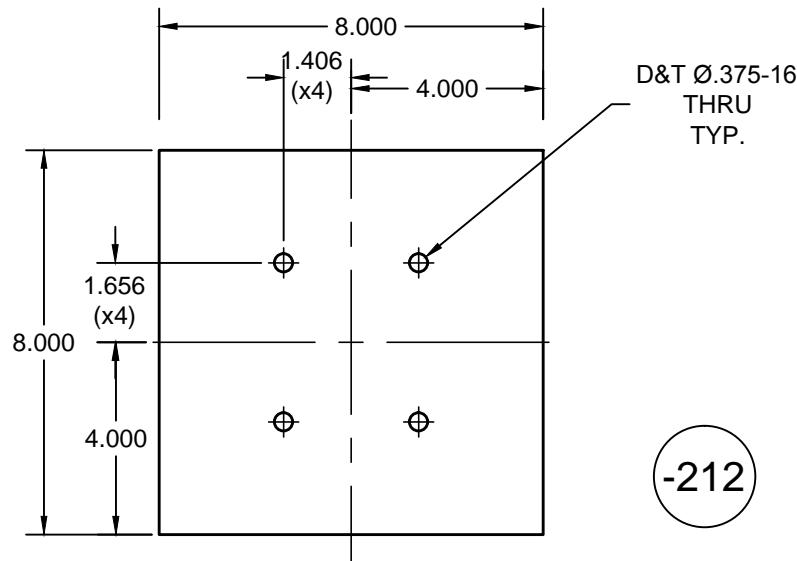
RB RED BARN MACHINE

TITLE -201 ASSEM.

DWG NO. 145G0124 REV

SCALE NTS DATE 3-20-06 SHEET 1 of 4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

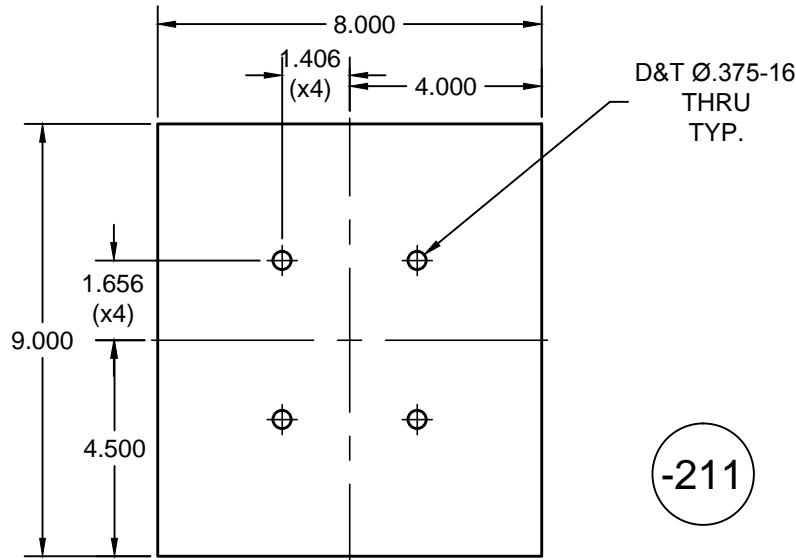


PART #	QTY	DESCRIPTION
-212	2	1018 .75x8x8 PLATE
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE -201 ASSEM.
DWG NO. 145G0124 REV
SCALE NTS DATE 3-14-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

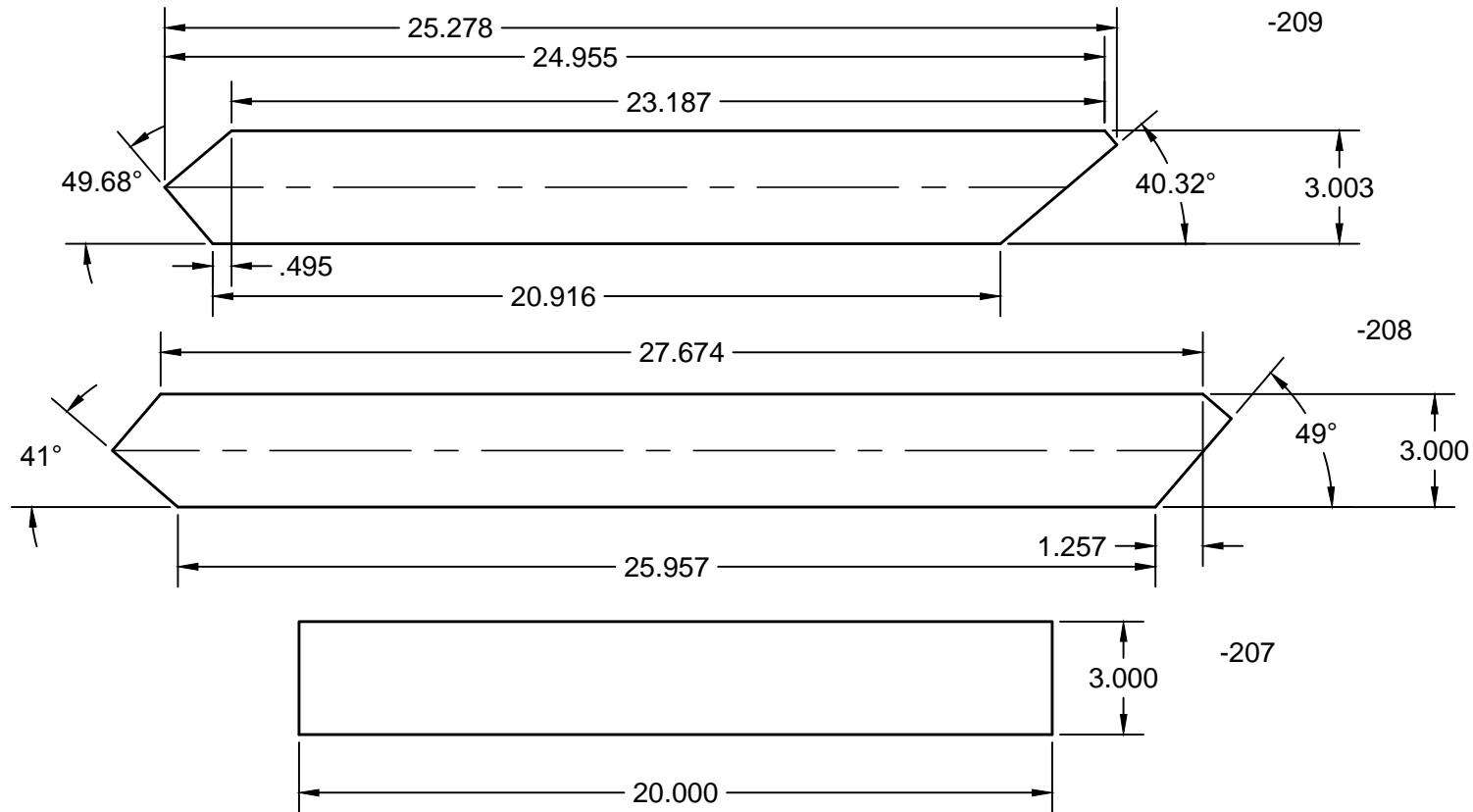


PART #	QTY	DESCRIPTION
-211	4	1018 .75x8x9 PLATE
		USED ON MODEL
		414-100
		CH-47D

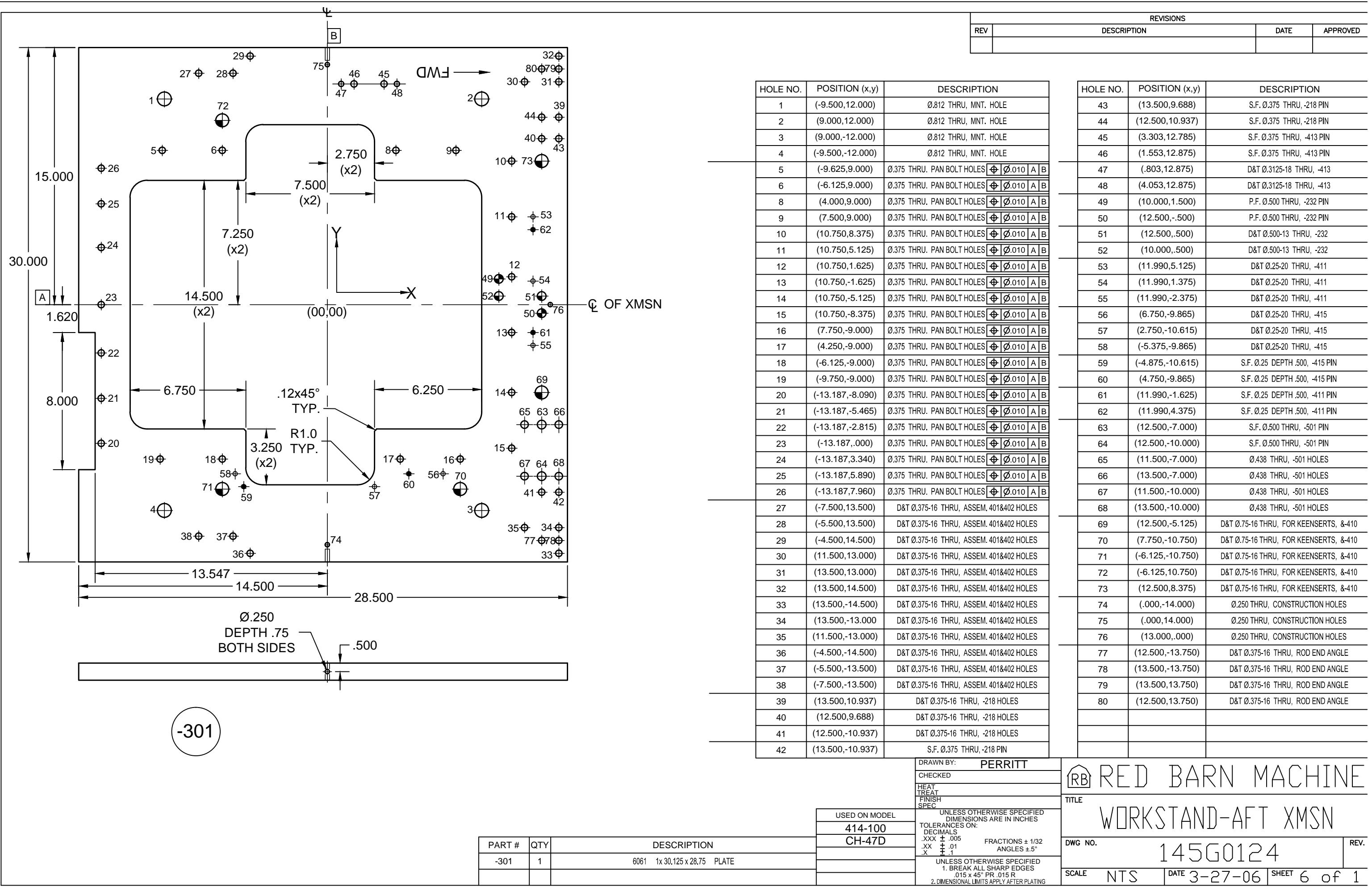
DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ± 5°
 X ± .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-14-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

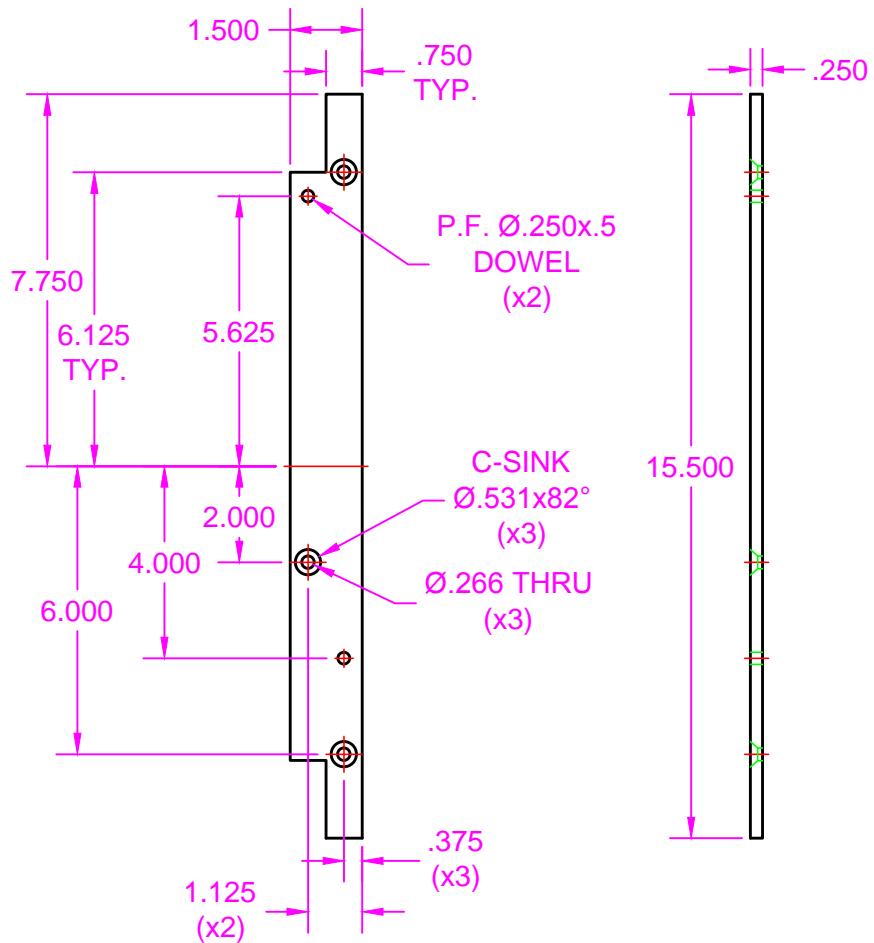


DRAWN BY: PERRITT	TITLE RB RED BARN MACHINE		
APPROVED	-401 ASSEM.		
HEAT TREAT			
FINISH SPEC --			
USED ON MODEL 414-100 CH-47D	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
PART #	QTY	DESCRIPTION	DWG NO. 145G0124 REV
--	--	--	SCALE NTS DATE 3-09-06 SHEET 1 of 1
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REVISIONS

REV	DESCRIPTION	DATE	APPROVE



PART #	QTY	DESCRIPTION
-415	1	1018 .25 x 1.5 x 15.625 FL. BAR
	2	Ø1/4 x .5 STL. DOWEL
	3	Ø1/4-20 x 3/4 FL. HD. CAP SCREW

USED ON MODEL

414-100

CH-47D

DRAWN BY: PERRITT

APPROVED

HEAT

TREAT

FINISH

SPEC

-- UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

.XXX ± .005

XX ± .01

X ± .1

FRACTIONS ± 1/32

ANGLES ± 5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR. 015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

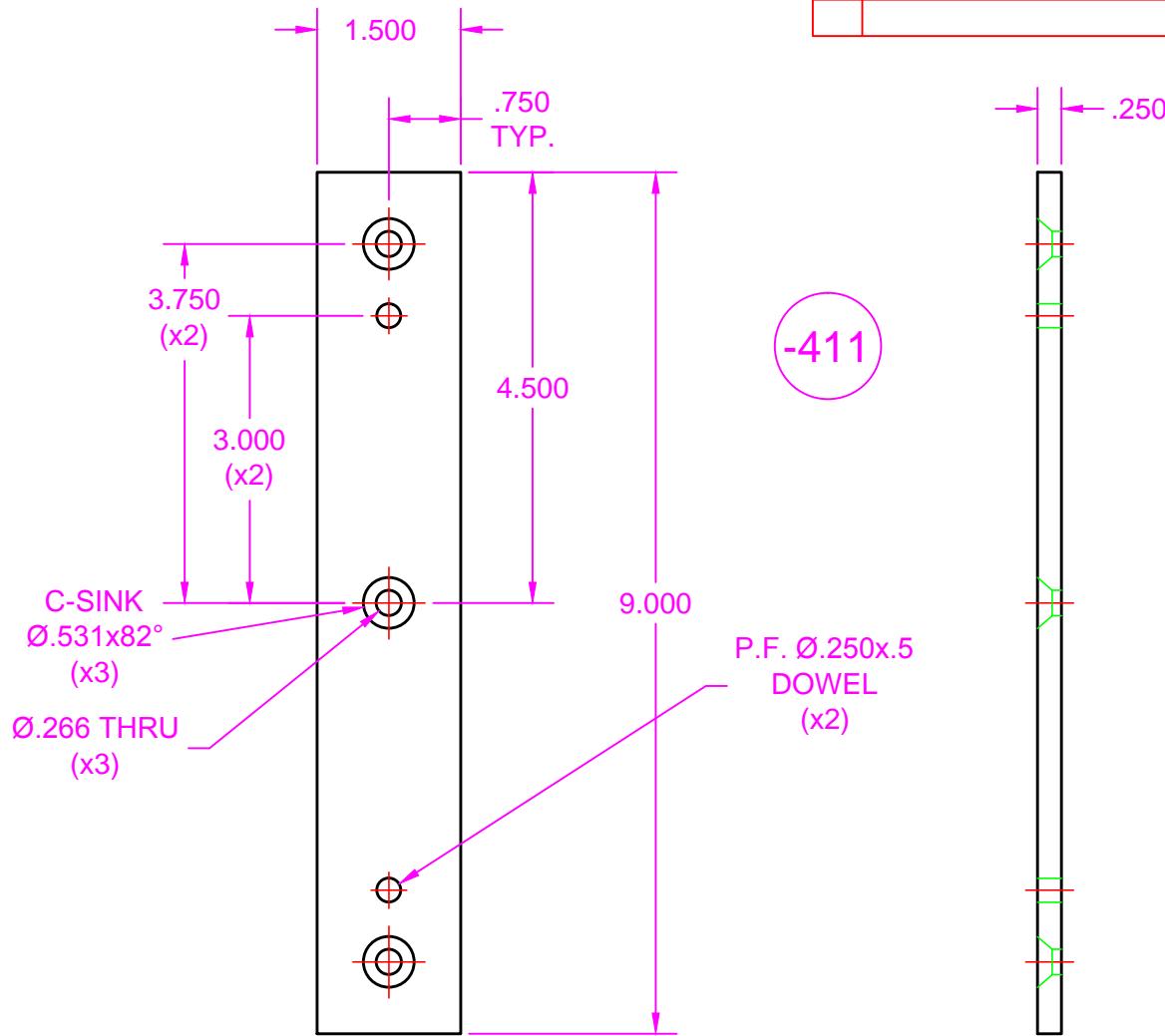
-201 ASSEM.

145G0124

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SCALE NTS DATE 3-09-06 SHEET 1 of E

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE



PART #	QTY	DESCRIPTION
-411	1	6061 .25 x 1.5 x 9.125 FL. BAR
	2	Ø1/4 x .5 STL. DOWEL
	3	Ø1/4-20 x 3/4 FL. HD. CAP SCREW

USED ON MODEL

414-100

CH-47D

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS .XXX ± .005 FRACTIONS ± 1/32
.XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR. .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

-201 ASSEM.

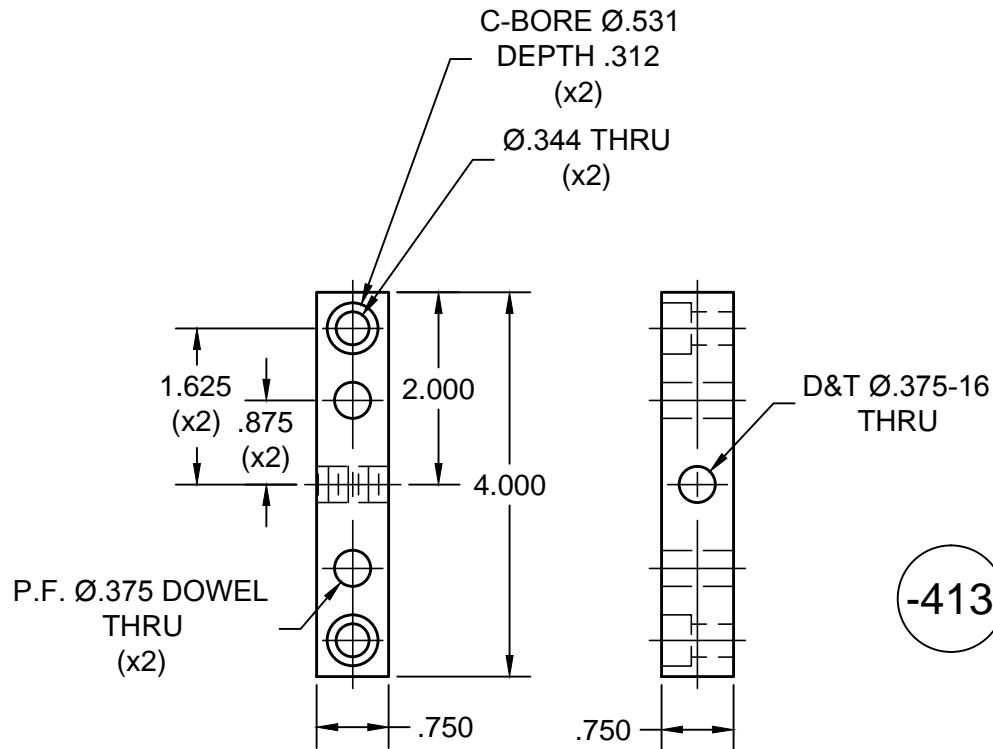
145G0124

R

SCALE NTS DATE 3-09-06 SHEET 1 of 4

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-413	1	1018 .75 x .75 x 4.125 SQ. BAR
	2	Ø5/16-18 x1.25 HEX HD. CAP SCREW
	2	Ø3/8 x 1 STL. DOWEL

USED ON MODEL

414-100
CH-47D

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
.XXX ± .005 FRACTIONS ± 1/32
.XX ± .01 ANGLES ± 5°
.X ± .1

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR. .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

TITLE

RB RED BARN MACHINE

-201 ASSEM.

145G0124

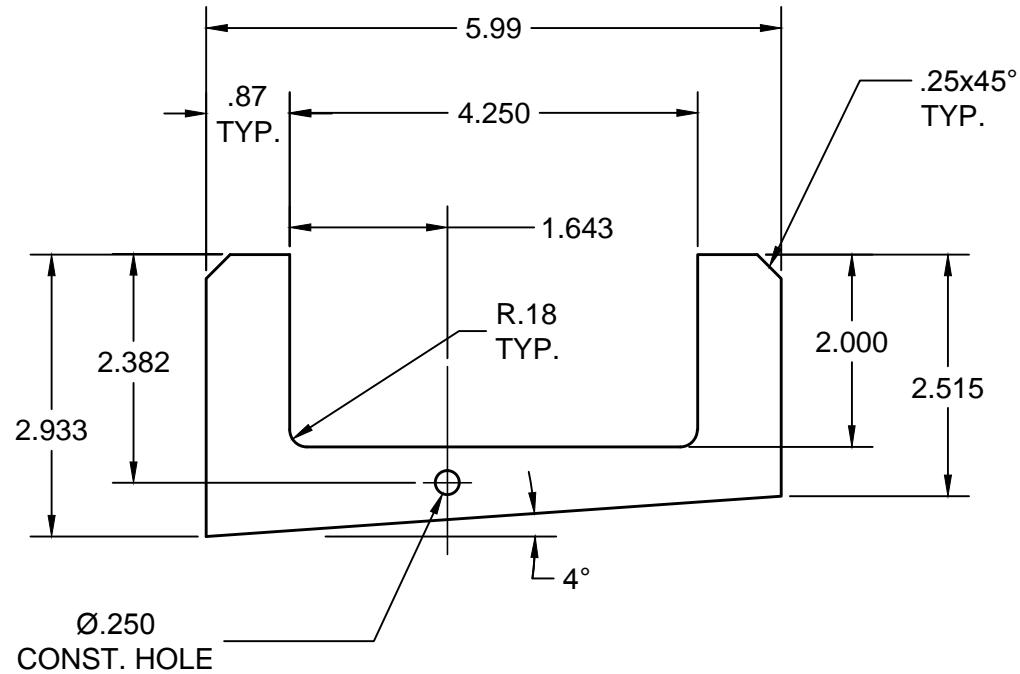
REV

SCALE

NTS DATE 3-09-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

-405

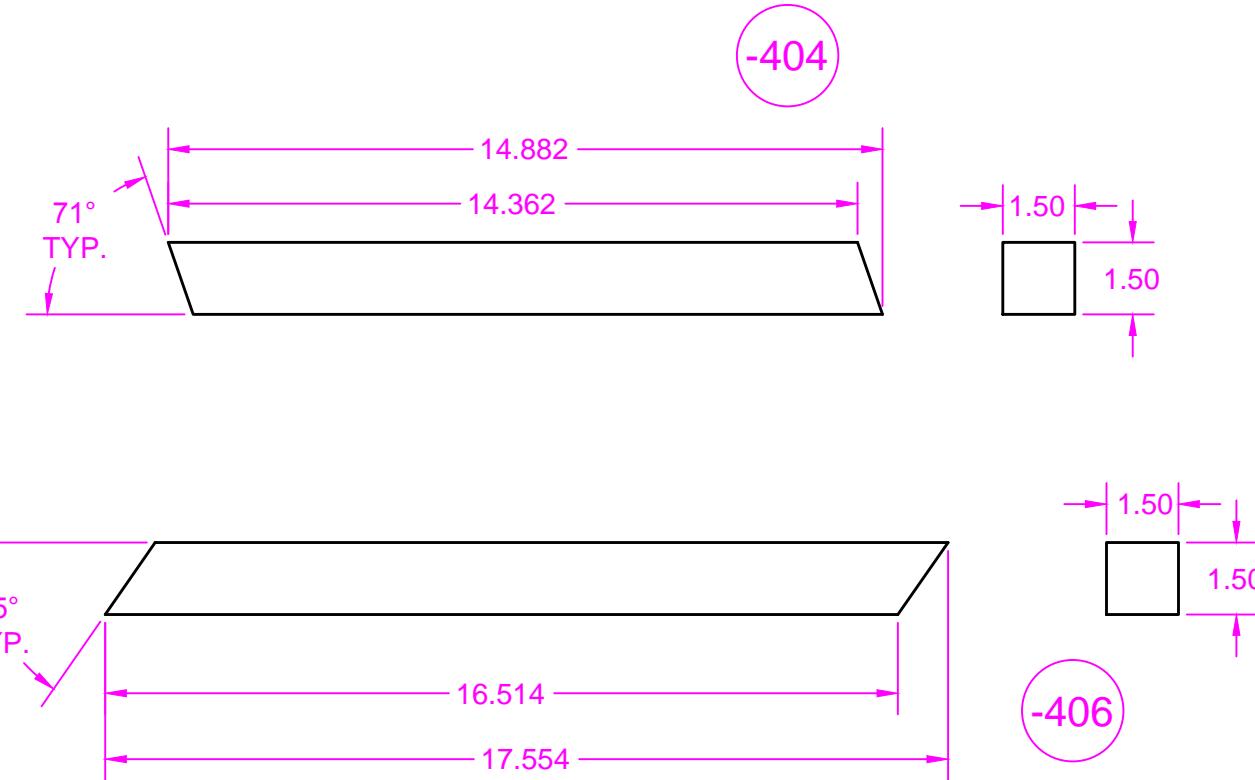


PART #	QTY	DESCRIPTION
-405	2	6061 ALUM 1.5 x 3.125 x 6.25
--	--	--

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
USED ON MODEL	414-100
	CH-47D
UNLESS OTHERWISE SPECIFIED TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1	DIMENSIONS ARE IN INCHES FRACTIONS ± 1/32 ANGLES ± 5°
1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R	2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB	RED BARN MACHINE
TITLE	-401 ASSEM.
DWG NO.	145G0124
SCALE	NTS
DATE	3-09-06
SHEET	1 of 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE



PART #	QTY	DESCRIPTION
-404	2	6061 ALUM 1.5 x 1.5 x 15.5 SQ. BAR
-406	2	6061 ALUM 1.5 x 1.5 x 18.25 SQ. BAR

		DRAWN BY: PERRITT
		APPROVED
		HEAT TREAT
		FINISH SPEC
USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
414-100		TOLERANCES ON: DECIMALS
CH-47D		.XXX \pm .005 FRACTIONS \pm 1/32 .XX \pm .01 ANGLES \pm .5° .X \pm .1
		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB

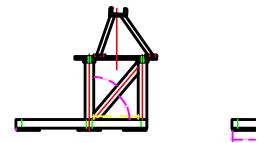
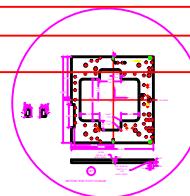
RED BARN MACHINE

-401 ASSEM.

145G0124

SCALE NTS DATE 3-09-06 SHEET 1 of 1

REV		DESCRIPTION		DATE	APPROVE



NOT APPROVED FOR PRODUCTION

PART #	QTY	DESCRIPTION
-1	1	41L40 Ø5/8 x 3/4

USED ON MODEL

414-100

CH-47D

DRAWN BY: PERRITT

APPROVED

HEAT TREAT

FINISH SPEC

-- UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

.XXX ± .005

.XX ± .01

X ± .1

FRACTIONS ± 1/32

ANGLES ± 5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR. .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

TITLE

PART #

R

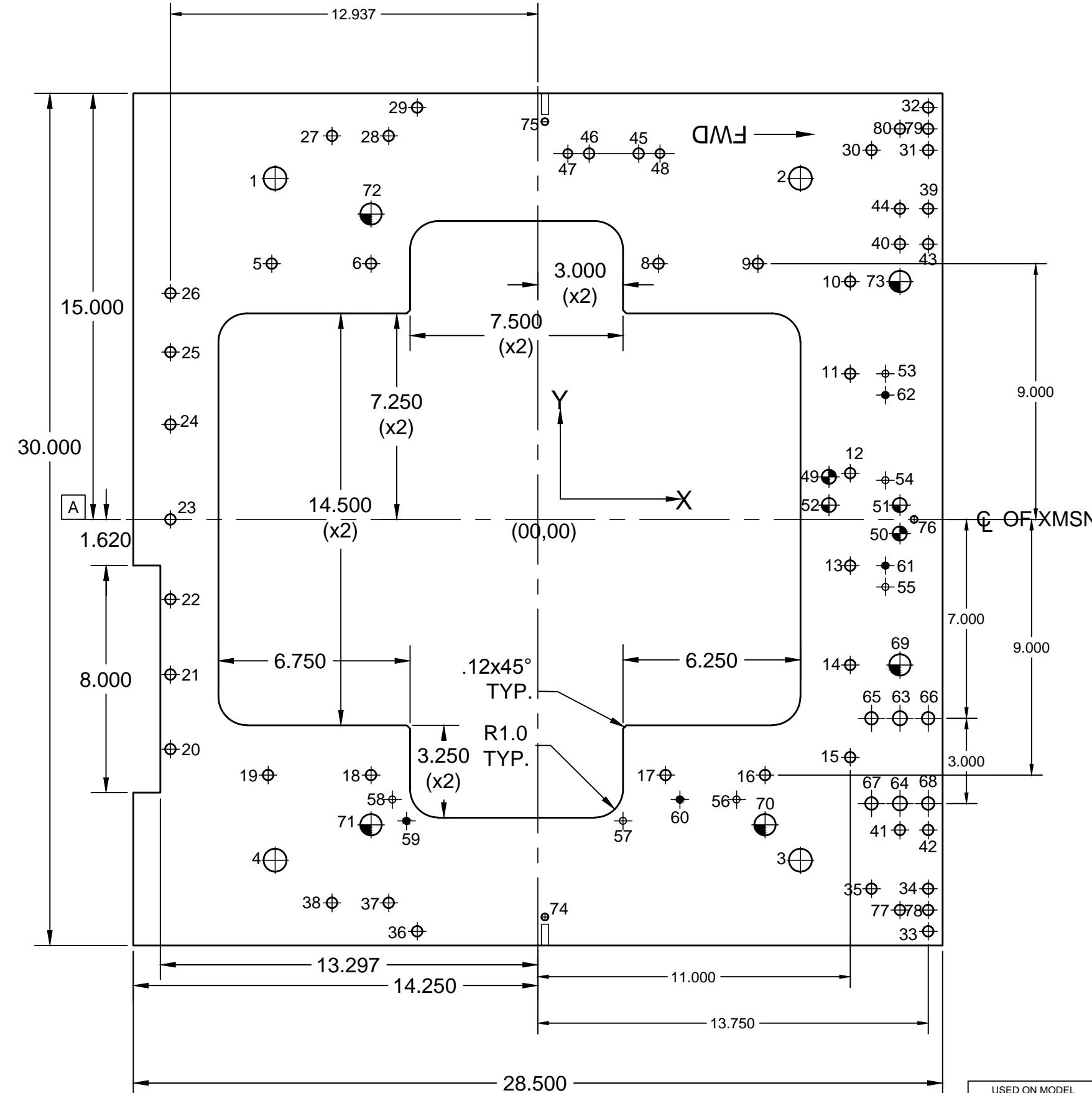
DWG NO.

NTS

DATE 2-23-06

SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DRAWN BY: PEPPIT

CHECKED

HEAT

TREAT FINISH

UNLESS OTHERWISE SPEC

DIMENSIONS ARE IN INCHES
TOLERANCES ON:

DECIMALS
.XXX ± .005

.XX \pm .01
.X \pm .1 ANGLI

UNLESS OTHERWISE SPEC
1 BREAK ALL SHARP EDG

.015 x 45° PR .015 R
2 DIMENSIONAL LIMITS APPLY AFTER E

DESCRIPTION

4140-3/16 x 1 1/2 x 4

44-100/10X 1 1/2 X 4

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